

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

10/26/2011

Laura Martin
Assistant District Attorney, Norfolk County

Dear ADA Martin,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Della Saunders.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Della Saunders was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

*The Commonwealth of Massachusetts**Executive Office of Health and Human Services**Department of Public Health**State Laboratory Institute*

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

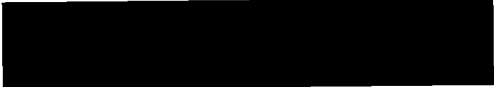
8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPTCity or Department: Weymouth Police Reference No.: Name and Rank of Submitting Officer: Det Thomas AndersonDefendant(s) Name (last, first, initial):
*To be completed by Submitter*

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

12 white pills marked 54/142

11-699-P12

5.39g

Received by:  Date: 5-9-11

No. [REDACTED] Date Analyzed: JUN 24 2011
City: Weymouth Police Dept
Officer: Detective THOMAS ANDERSON

Def: [REDACTED]
Amount: 12 Subst: [REDACTED]
No. Cont: 1 Cont: pb

Date Rec'd: 06/09/2011 No. Analyzed:

Gross Wt: 5.390 Net Wt: 7.

#Tests: 1 ASD + 2 D8

Prelim: Methadone Findings: Methadone
B

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Weymouth. ANALYST ADJ

No. of samples tested: _____

Evidence Wt. _____

PHYSICAL DESCRIPTION:

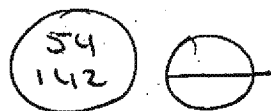
12 white round tablet
17-pb

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 2.4554



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

Momab A(P)

PRELIMINARY TEST RESULTS

RESULTS methadone

DATE 6-21-11

GC/MS CONFIRMATORY TEST

RESULTS methadone

MS
OPERATOR DCS

DATE 6-24-11

Drug Information

DRUG NAME: METHADONE HYDROCHLORIDE

INGREDIENTS: METHADONE HYDROCHLORIDE -- 10 MG

Color: white

Imprint: 54; 142

Form: Tablet

Available-Container-Size: unit dose
package of 100 , Bottle of 100

AAPCC Code: 037703 - Methadone

NDC: 00054-8554-24
00054-4571-25

Regulatory Status: Schedule II

Availability: United States

Product ID 3285503

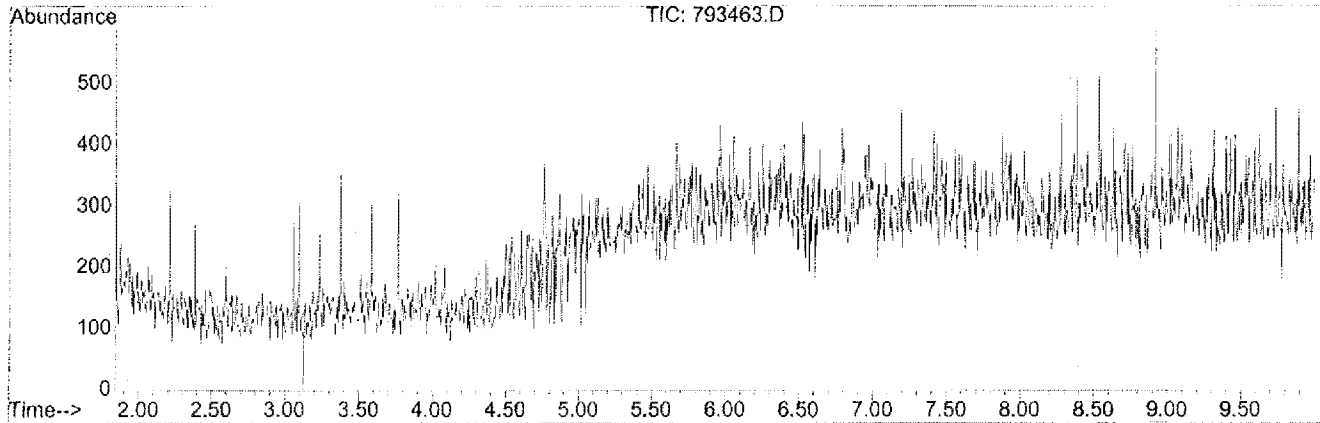
Contact: Roxane Laboratories

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Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\06_23_11\793463.D
Operator : DCS
Date Acquired : 24 Jun 2011 7:32
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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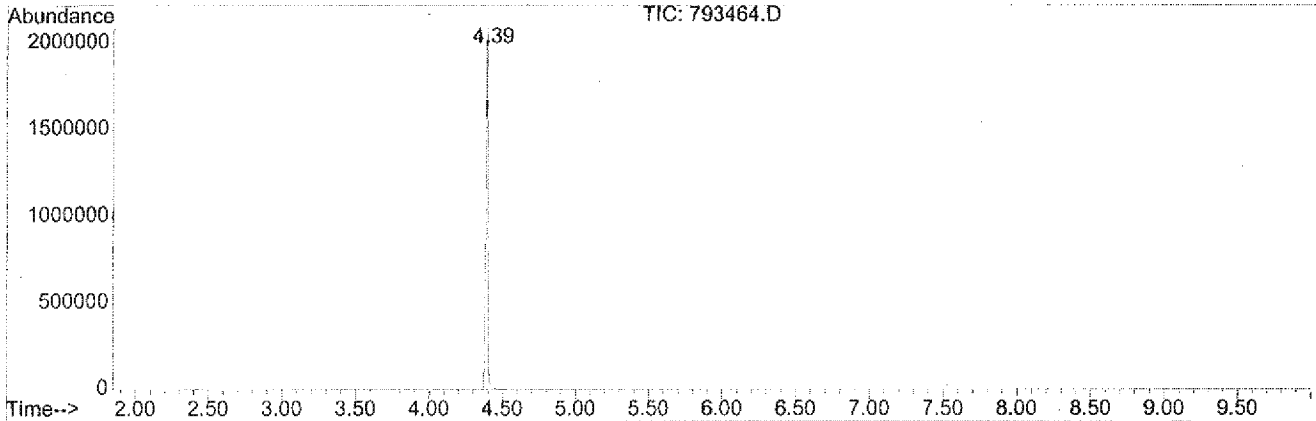
NO INTEGRATED PEAKS

10/21/11 JES

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\06_23_11\793464.D
 Operator : DCS
 Date Acquired : 24 Jun 2011 7:45
 Sample Name : METHADONE STANDARD
 Submitted by :
 Vial Number : 64
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.390	2031984	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

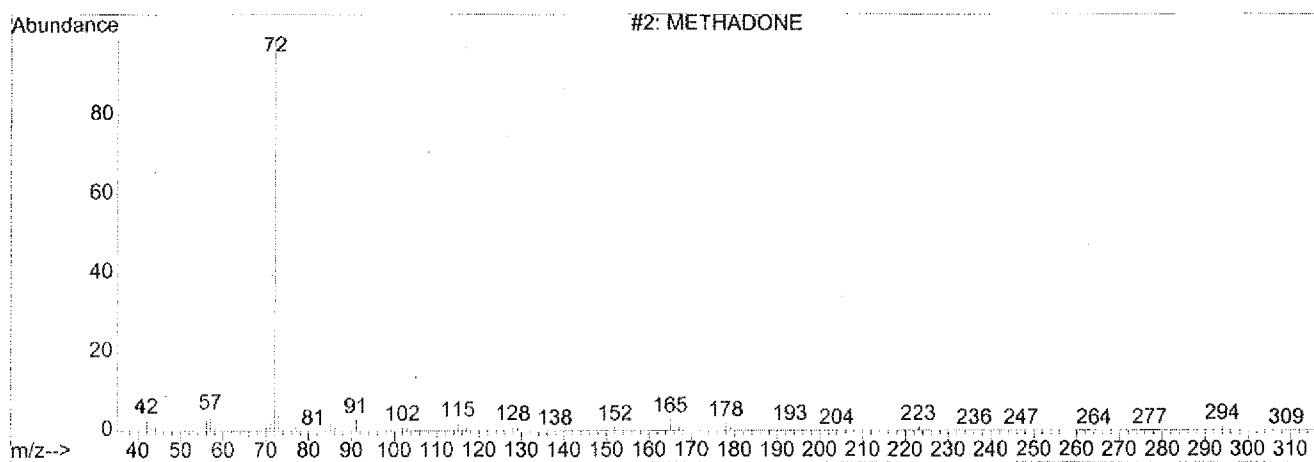
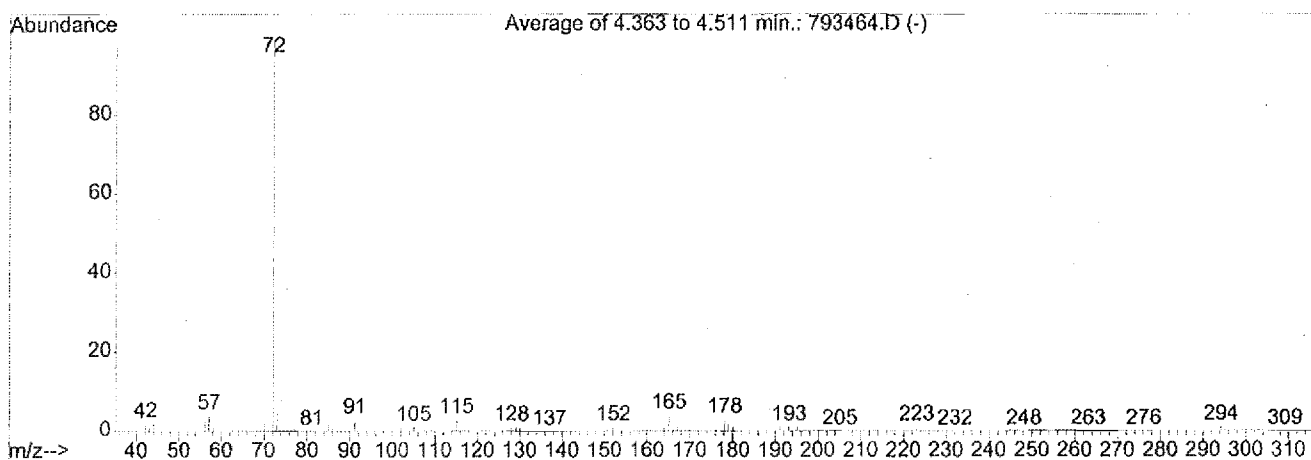
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File Name       : D:\SYSTEM4\06_23_11\793464.D
Operator        : DCS
Date Acquired   : 24 Jun 2011   7:45
Sample Name     : METHADONE STANDARD
Submitted by    :
Vial Number     : 64
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
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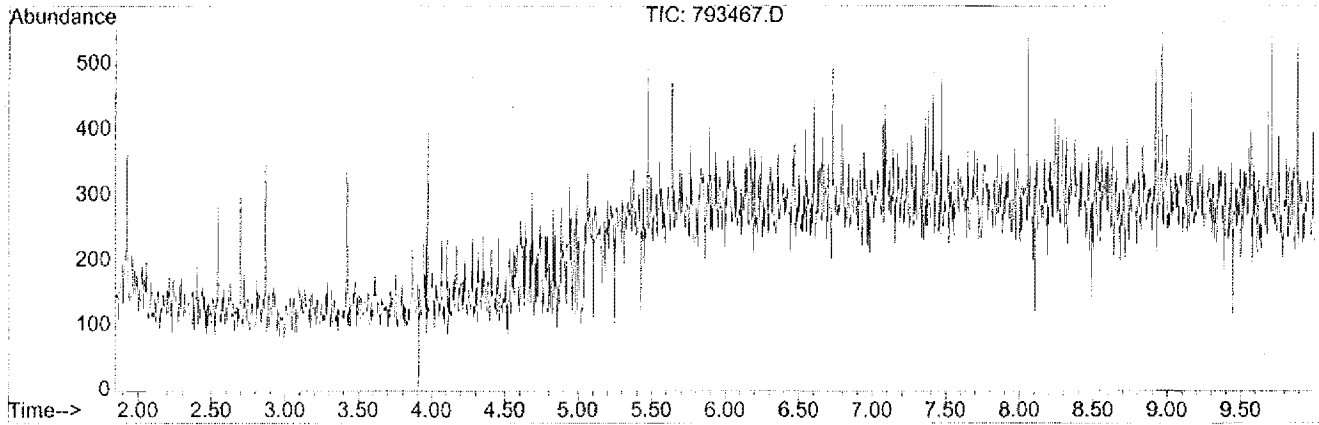
PK#	RT	Library/ID	CAS#	Qual
1	4.39	C:\DATABASE\SLI.L METHADONE	001095-90-5	96



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\06_23_11\793467.D
Operator : DCS
Date Acquired : 24 Jun 2011 8:26
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



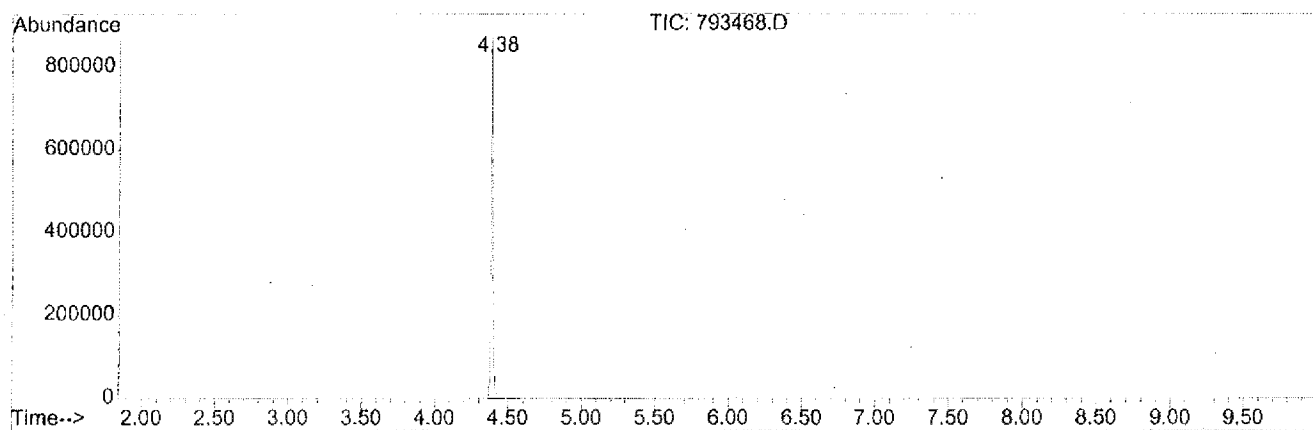
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\06_23_11\793468.D
 Operator : DCS
 Date Acquired : 24 Jun 2011 8:39
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 68
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.383	790487	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

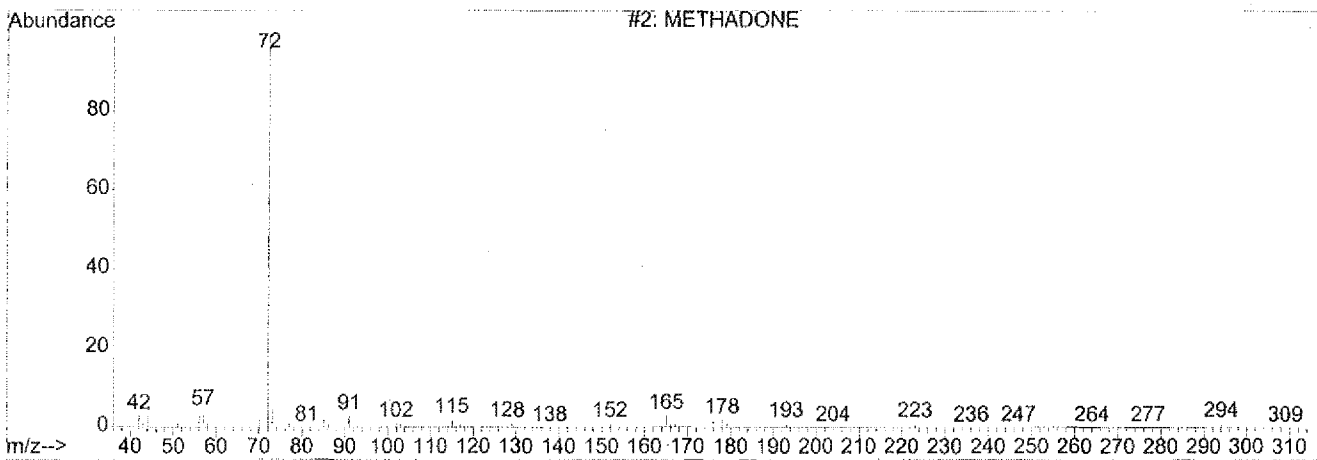
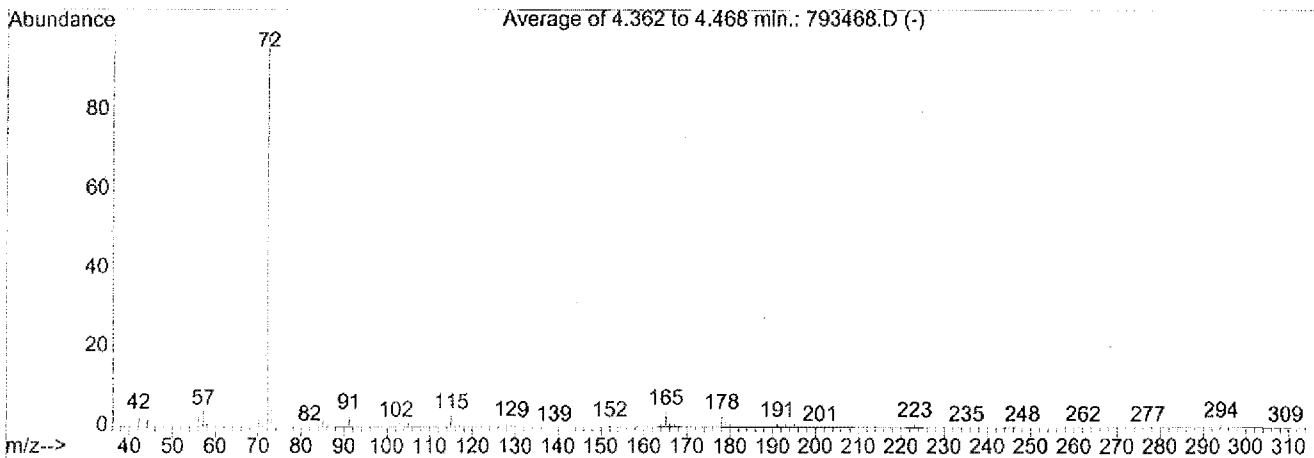
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File Name       : D:\SYSTEM4\06_23_11\793468.D
Operator        : DCS
Date Acquired   : 24 Jun 2011   8:39
Sample Name     : 
Submitted by    : ASD
Vial Number     : 68
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
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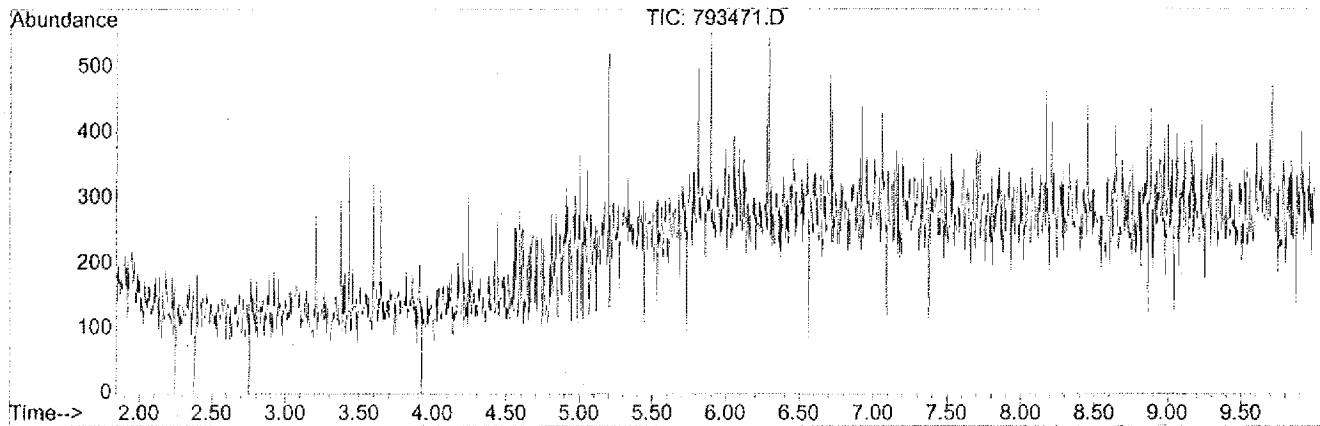
PK#	RT	Library/ID	CAS#	Qual
1	4.38	C:\DATABASE\SLI.L METHADONE	001095-90-5	96



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\06_23_11\793471.D
Operator : DCS
Date Acquired : 24 Jun 2011 9:20
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



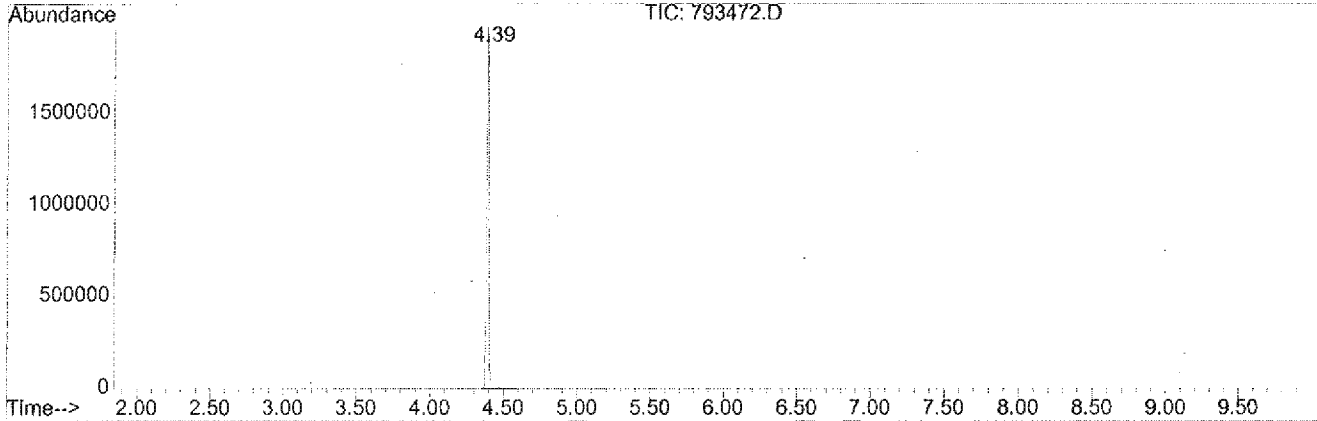
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\06_23_11\793472.D
Operator : DCS
Date Acquired : 24 Jun 2011 9:33
Sample Name : METHADONE STANDARD
Submitted by :
Vial Number : 64
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.387	1960169	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

```

File Name       : D:\SYSTEM4\06_23_11\793472.D
Operator        : DCS
Date Acquired   : 24 Jun 2011   9:33
Sample Name     : METHADONE STANDARD
Submitted by    :
Vial Number     : 64
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.39	C:\DATABASE\SLI.L METHADONE	001095-90-5	97

